USPTO Form 1449

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Attorney Docket No. 03094.05685

Serial No. TBA

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Applicant(s): HONG et al.

Filing Date: Herwith

04/04/97

Group: 7

0 **U.S. PATENT DOCUMENTS** Patent No. Class Subclass Filing Date Examiner Date Name (if appropriate) Initial AA FOREIGN PATENT DOCUMENTS Subclass Translation Class Examiner Document No. Date Country Initial YES NO JKM AB 1-100165 04/18/89 JP X AC 0541086 05/12/93 EP X OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Lesher et al., "1, 8-Naphthyridine Derivatives. A New Class of Chemotherapeutic Agents", J. Med. Chem., Vol. 5, pp. 1063-1065, 1962. AD Koga et al., "Structure-Activity Relationships of Antibacterial 6,7- and 7,8-Disubstituted 1-Alkyl-1,4- dihydro-4-oixoquinoline-3-carboxylic **AE** Acids", J. Med. Chem., Vol. 23, pp. 1358-1363, 1980. Wise et al., "In Vitro Activity of Bay 09867, a New Quinoline Derivative, Compared with Those of Other Antimicrobial Agents", J. **AF** Antimicrob. Agents Chemother, Vol. 23, pp. 559-564, 1983. Sato et al., "In Vitro and In Vivo Activity of DL-8280, a New Oxazine Derivative", J. Antimicrob. Agents Chemother, Vol. 23, pp. 548-553, AG JKM Rosen et al., "Design, Synthesis, and Properties of (4S)-7-(4-Amino-2-substituted-pyrrolidin-1-yl) quinolone-3-carboxylic Acids", J. Med. Chem. AH Vol. 31, pp. 1598-1611, 1988. Matsumoto et al., "AT-3295, a New Pyridonecarboxylic Acid Derivative with Potent Antibacterial Activity: Synthesis and Structure-activity AI JKM Relationships", Proceedings of the 14th International Congress of Chemotheraphy, pp. 1519-1520, 1985. Cooper et al., "Preparation and in Vitro and in Vivo Evaluation of Quinolones with Selective Activity against Gram-Positive Organisms", J. AJ JKM Med. Chem., Vol. 35, pp. 1392-1398, 1992 · Domagala et al., "Synthesis and Biological Activity of 5-Amino-and 5-Hydroxyquinolones, and the Overwhelming Influence of the Remote N-AK JKM Substituent in Determining the Structure-Activity Relationship", J. Med. Chem., Vol. 34, pp. 1142-1154, 1991. Domagala et al., "1-Substituted, 7-[3-[(Ethylamoni) methyl]-1-pyrrolidinyl]-6,8-difluoror-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acids. New AL JKM Quantititative Structure-Activity Relationships at N for the Quinolone Antibacterials", J. Med. Chem., Vol. 31, pp. 991-1001, 1988. Bouzard et al., "Fluoronaphthyridines as Antibacterial Agents. 4. Synthesis and Structure-Activity Relationships of 5-Substituted-6-fluoro-7-AM JKM (cycloalkylamino)-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic Acids", J. Med. Chem., Vol. 35, pp. 518-525, 1992 Parikh et al., "Sulfur Trioxide in the Oxidation of Alcohols by Dimethyl Sulfoxide", JACS., Vol. 89, pp. 5505-5507, 1967. JKM AN CA 114: 164195r, p.775, 1991. JKM A0 AP CA119: 203318h, p. 884, 1993. JKM Joseph K. McKane **DATE CONSIDERED EXAMINER**

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